



# FortiAP 5.6.4 Release Notes

VERSION 5.6.4

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July 9, 2018

FortiAP 5.6.4 Release Notes

20-564-500705-20180709

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## Change log

Date	Change description
July 9, 2018	Initial release.

# Introduction

This document provides the following information for FortiAP version 5.6.4:

- [Supported models](#)
- [What's new in FortiAP 5.6.4](#)
- [Upgrade information](#)
- [Product integration and support](#)
- [Resolved issues](#)
- [Known issues](#)

For more information on upgrading your FortiAP device, see the FortiWiFi and FortiAP Configuration Guide in the [Fortinet Document Library](#).

## Supported models

FortiAP version 5.6.4 supports the following models:

Model	Build
FAP-14C, FAP-21D, FAP-24D, FAP-25D, FAP-112D, FAP-221C, FAP-222C, FAP-223C, FAP-224D, FAP-320C, FAP-321C	0499

## What's new in FortiAP 5.6.4

The following is a list of new features and enhancements in FortiAP version 5.6.4:

- Support for GTK rekey interval, PTK rekey interval, and EAP re-authentication interval on local-standalone SSID.
- Support for LED blink control of managed FortiAPs through the web UI on FortiGate models running FortiOS version 6.0.1.
- WiFi region and country code adjustments:
  - Bangladesh belongs to region "B".
  - Myanmar and Zambia belong to region "E".
  - Channel 165 added to region "K" (Korea).
  - Channels 132, 136, 140, and 144 removed from region "S".
  - Channels 136 and 140 added to region "U" (Ukraine).

# Upgrade information

## Upgrading from FortiAP version 5.6.3

FortiAP 5.6.4 supports upgrading from 5.6.3.

## Downgrading to previous firmware versions

FortiAP 5.6.4 supports downgrading to 5.6.3.

## Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the [Fortinet Support](#) website. After logging in select **Download > Firmware Image Checksums**, enter the image file name including the extension, and select **Get Checksum Code**.

## Supported upgrade paths

To view all previous FortiAP versions, build numbers, and their supported upgrade pathways, see the following Fortinet Cookbook link:

<http://cookbook.fortinet.com/supported-upgrade-paths-fortiap/>

# Product integration and support

## FortiAP 5.6.4 support

The following table lists FortiAP version 5.6.4 product integration and support information.

Web Browsers	<ul style="list-style-type: none"><li>• Microsoft Internet Explorer version 11</li><li>• Mozilla Firefox version 59</li><li>• Google Chrome version 65</li><li>• Safari 9</li></ul> <p>Other web browsers may function correctly, but are not supported by Fortinet.</p>
FortiOS	5.6.5 and later
FortiExplorer Lite (iOS)	2.1.0 (models FAP-21D, 24D, 112D, and 320C only)



We recommend that FortiAP firmware versions match the respective FortiOS versions, when available.

Other variations of FortiOS and FortiAP versions may technically work for the lowest common feature set. However, if problems arise, our Fortinet Support team will ask you to match the versions before troubleshooting, according to our recommendation.

# Resolved issues

The following issues have been fixed in version 5.6.4. For inquiries about a particular bug, visit the [Fortinet Support](#) website.

Bug ID	Description
<b>441490</b>	Fixed a bug that caused Internet access to fail for WiFi clients using captive portal SSID.
<b>461367</b>	Fixed an issue affecting time synchronization between the FortiGate system time and managed FortiAP units.
<b>470905</b>	Fixed an issue that caused WiFi clients to be disconnected after one hour from the time of connection on FortiCloud WPA2-Enterprise SSID using RADIUS authentication.
<b>478627</b>	Fixed an issue that caused the FortiAP to always use <code>AC_IPADDR_2</code> to connect to a FortiGate.
<b>481422</b>	Added <code>apmac</code> parameter for FortiCloud external captive portal redirection.
<b>484307</b>	Fixed a bug that blocked admin login to the FortiAP web UI when using Google Chrome 65 or later.
<b>492016</b>	Fixed a bug that made FortiAP take a long time to connect with FortiGate when using the FQDN of an external AP controller as deployed by FortiCloud.
<b>493751</b>	Fixed a bug that caused active WiFi clients to be disconnected for idle timeout when <code>intra-vap-privacy</code> is enabled in tunnel-mode SSID.
<b>495112</b>	Improved connectivity and stability of mesh set up.

## Common Vulnerabilities and Exposures

FortiAP 5.6.4 is no longer vulnerable to the following CVE reference:

- 2017-6214

For more information, visit <https://fortiguard.com/psirt>.



## Known issues

The following issues have been identified in version 5.6.4. For inquiries about a particular bug, visit the [Fortinet Support](#) website.

Bug ID	Description
<b>473595</b>	FAP-11C is no longer supported due to its limited flash size.
<b>300081</b>	FortiAPs may encounter high CPU usage intermittently after a FortiGate wireless controller pushes a local-authentication virtual AP (VAP) configuration to them.
<b>245323</b>	Spectrum analysis may result in high CPU usage on some FortiAP models including FAP-221C.
<b>236312</b>	Split-tunneling SSIDs do not support VLANs.



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